

INFORMATION SHEET

LIQUIFIED PETROLEUM GASES

A permit is required from the Fire Prevention Division to store, use, handle or dispense LP-gas. *NFPA 1: 1.12*

A permit is required from Fire Protection Engineering to install or maintain LP-gas containers of 125-gallon or more aggregate water capacity. *NFPA 1: 1.12*

A special use permit is required from Planning & Development for the installation of LP-gas containers exceeding 288-gallon water capacity (single or aggregate). *CLV Ordinance #3224*

- Containers shall be designed, fabricated, tested and marked (or stamped) in accordance with the regulations of the U.S. Department of Transportation (DOT). *NFPA 1: 69.2.1.2*
- Containers having a maximum water capacity of 2½-pounds (nominal 1-pound LP-gas capacity) may be used in buildings as part of an approved self-contained torch assembly or similar appliance. *NFPA 1: 69.3.3.8.3*
- In industrial occupancies, portable LP-gas containers may be used to supply quantities necessary for processing, research or experimentation. The aggregate water capacity of containers may not exceed 735 pounds per manifold. *NFPA 1: 69.3.3.5.1*
- In educational and institutional occupancies, portable LP-gas containers may be used for research and experimentation. The aggregate water capacity of containers may not exceed 50-pounds for educational and 12-pounds for institutional. *NFPA 1: 69.3.3.6.1*
- Portable LP-gas containers may be used temporarily for demonstrations and public exhibitions. Containers shall not exceed 12-pound water capacity. *NFPA 1: 69.3.3.8.1*
- The operation of devices and equipment must be approved for use with LP-gas. *NFPA 58: 2.6.2.1*
- Dispensing must be performed by a qualified attendant. *NFPA 1: 69.4.2.1.1*
- Smoking within 25 feet of a point of transfer (dispensing operations) is prohibited. **NO SMOKING** signs shall be posted. *NFPA 1: 69.4.3.2(B)*
- Weeds, grass, brush, trash and other combustible materials must be kept at least 10 feet from tanks and containers. *NFPA 1: 69.3.2.2.6(B)*
- Guard posts or other approved means must be installed to protect containers, regulators and piping near alleys, streets, driveways or parking areas from vehicle damage. *NFPA 1: 69.5.4.2.2*
- Containers in storage shall be located in a manner which minimizes exposure to excessive temperature, physical damage or tampering. *NFPA 1: 69.5.2.1.1*
- Storage of containers shall not be located near exits, exit-access doors, stairways or in areas used for the safe egress of people. *NFPA 1: 69.5.2.1.3*

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- Valves on containers shall be protected by screw-on-type caps or collars whether they are full, partially full or empty. *NFPA 1: 69.5.2.2*
- The minimum separation distance between the installation of containers and buildings, public ways or property lines is 10 feet. Separation distance increases as tank size increases. *NFPA 1: Table 69.3.2.2.2(a)*
- For containers awaiting use or resale, the storage of more than 500 pounds must be at least 10 feet from a building, group of buildings, public way or property line. Separation distance increases as quantity increases. *NFPA 1: Table 69.5.4.1.3*
- Provide a 2-A:10-B:C rated portable fire extinguisher within 50 feet of all areas. Extinguishers must be serviced and tagged by a licensed agent after each use or annually. *NFPA 1: 69.5.5*
- Extinguishers must be mounted with top no higher than 5 feet from the floor and should be placed near exit paths for easy access. *NFPA 1: 13.6.3.10*
- Tank vehicles shall not be left unattended at any time on residential streets or within 500 feet of residential areas, apartment or hotel complex, educational facility, hospital, or care facility.
NFPA 1: 69.6.2.2.1(A)
- Servicing or filling of tanks or containers may only be conducted outside or in buildings designed for that purpose. *NFPA 1: 69.3.2.3.1*
- An emergency shut off valve must be located within 25 feet nor more than 100 feet of dispensing operations. *NFPA 1: 69.3.2.7.8*
- *A 2½ lb. tank is equivalent to 1.7 gallons of water.*
- *LPG weighs 4.25 lbs. per gallon, water weighs 8.35 lbs. per gallon.*

The items listed are basic information only. Codes are subject to change. Additional requirements may apply.

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